

Conversion instructions for RH600 (120V-devices)

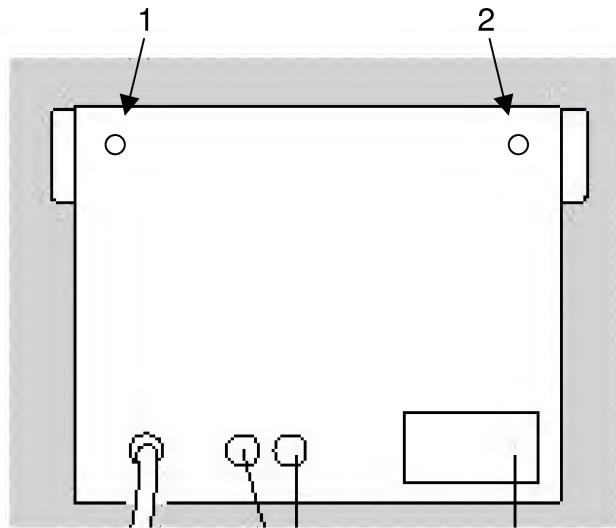
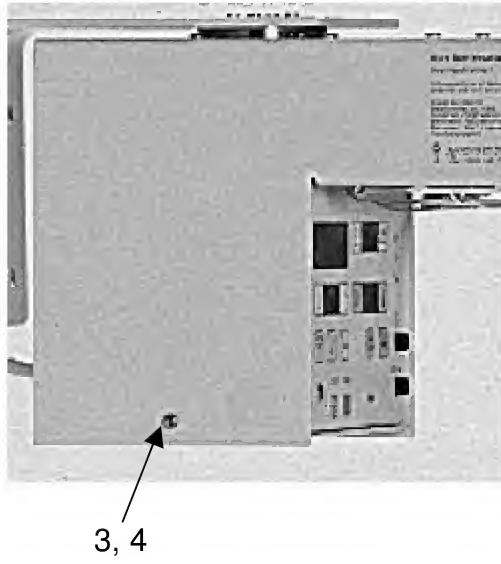
This conversion shall only be performed by Dräger trained and certified Biomedical Technicians or DrägerService. For questions call 1-800-4 DRAGER

This conversion instructions describes the following modifications:

- Exchange of PCB Spannung (PCB Voltage).
- Fitting of an additional metal bracket below the solid state relay on PCB Relay.
- Modification of the mains voltage switch-symbol on the front panel.

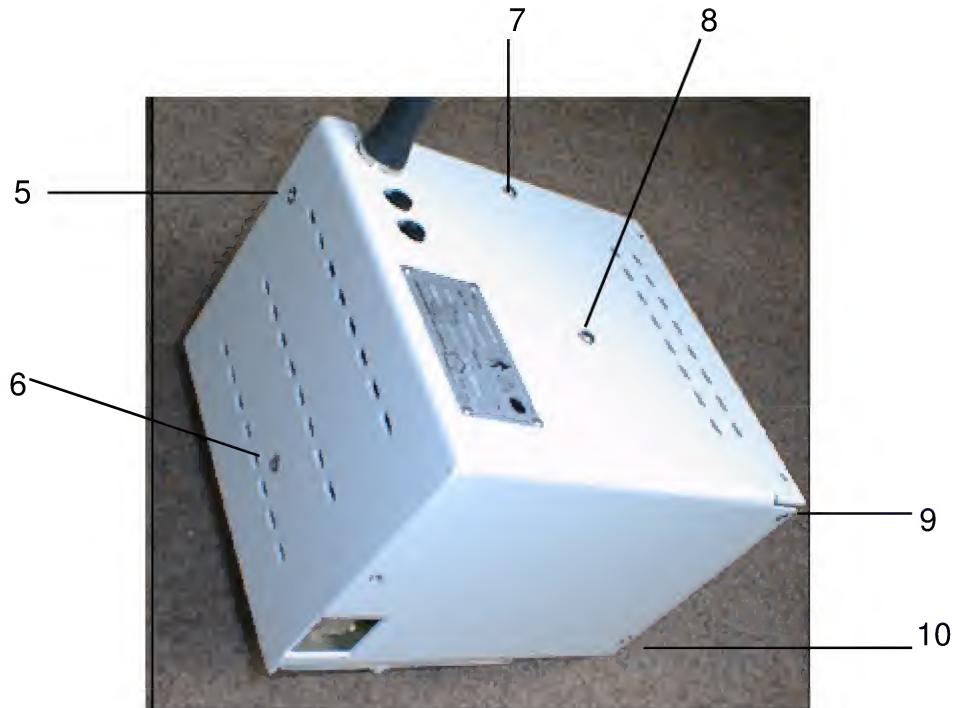
For modification follow this instructions step by step.

1. Open device by removing screws 1 to 4.



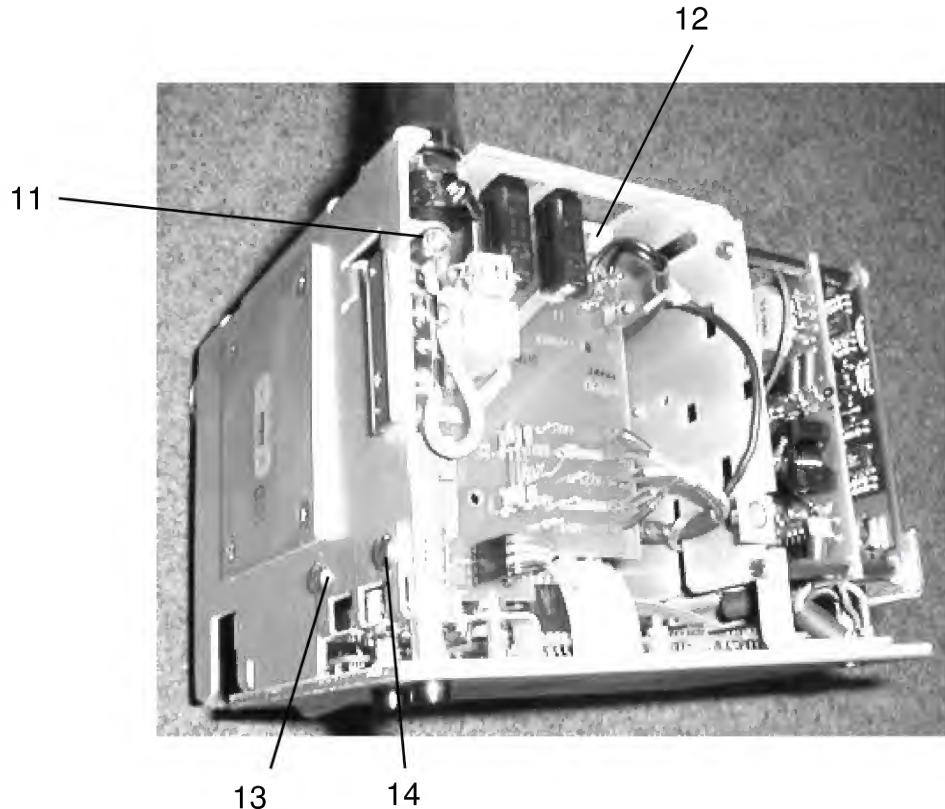
2. Disconnect connectors to heater and lamps.
3. Disconnect connectors to PCB Relay.
4. Remove PCB Relay (8305951).
5. Fit metal bracket 2M 22181 below solid state relay K1 (see attached drawing 8305951 of PCB Relay).
Exchange the existing screws with the enclosed ones, which are longer. These new screws have to be installed in the opposite direction than before.

6. Reinstall PCB Relay in its old position.
7. Reconnect connectors to PCB Relay.
8. Remove cover of electronics by removing screws 5 to 10.



9. Unsolder cable harnesses from PCB Spannung (PCB Voltage/Mains Input), disconnect connector and mains cable from screw terminal.

10. Remove screws 11 to 14.



11. Remove PCB Spannung (PCB Voltage, 8305941).

12. Install new PCB Spannung (PCB Voltage/Mains Input, 8305941-02). Solder on cable harness and secure wires with heat-shrink tubes. Reconnect mains cable to screw terminal (blue to N, brown or black to L). Restore plug-in connectors. Reinstall screws 11 to 14.

Check configuration for 120 V for this PCB:

Soldering jumpers for T11 to T15, T17 to T18, T19 to T20.

Open T1 to T2, T3 to T4.

13. Reinstall electronics cover with screws 5 to 8.

14. Reconnect connectors to heater and lamps.

15. Close device. Reinstall screws 1 to 4.

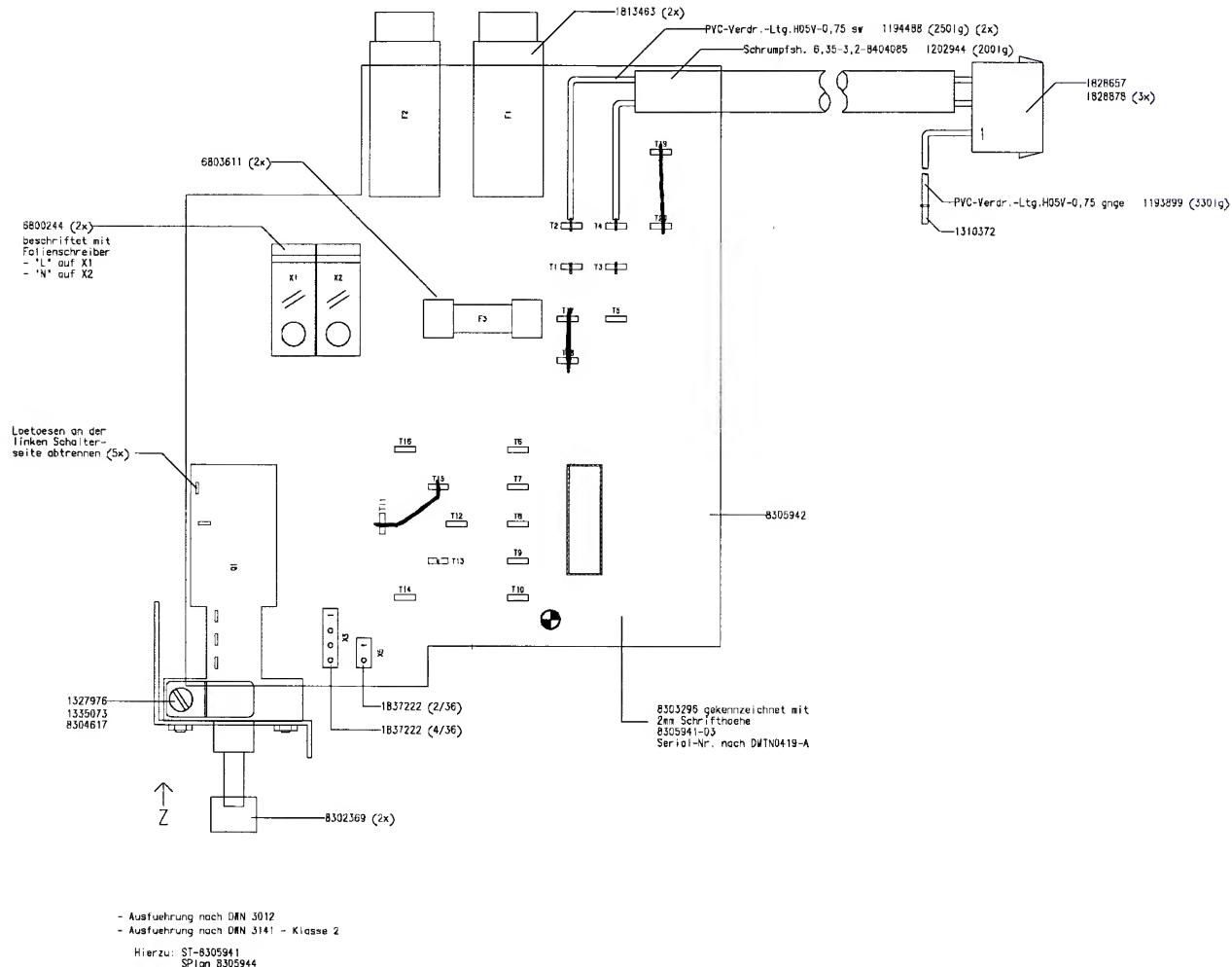
16. Attach enclosed sticker over mains switch symbol on the front panel.

Please note: The 4 fixing screws of the radiant heater RH 600 shall be secured with Loctite 221 (P/N 79 01 966) in the course of servicing!

17. Carry out safety and functional check as specified in the Test Certificate of the Service Manual.

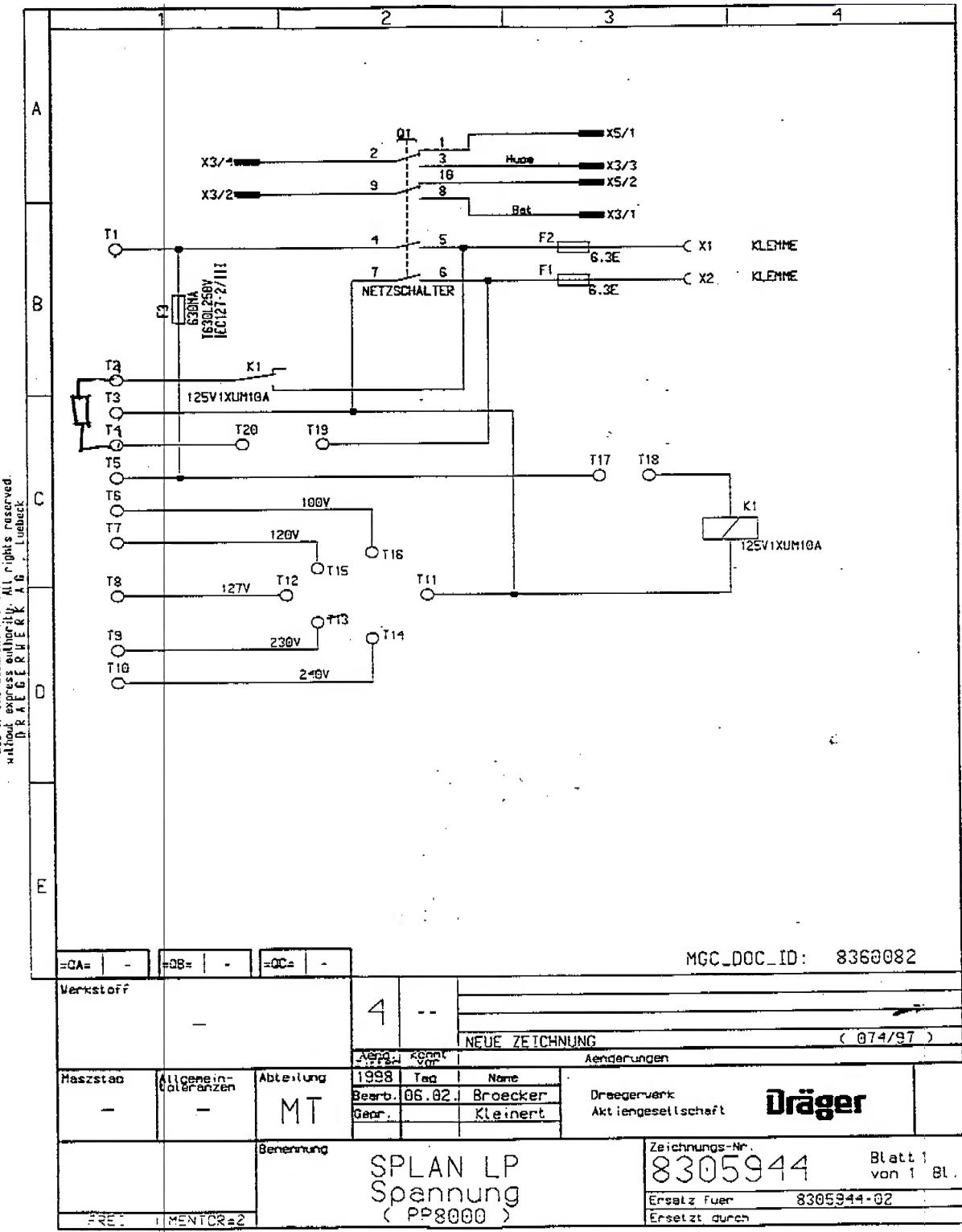
Diagrams for information:

PCB Voltage (Mains Input PCB), Configuration for 120V:

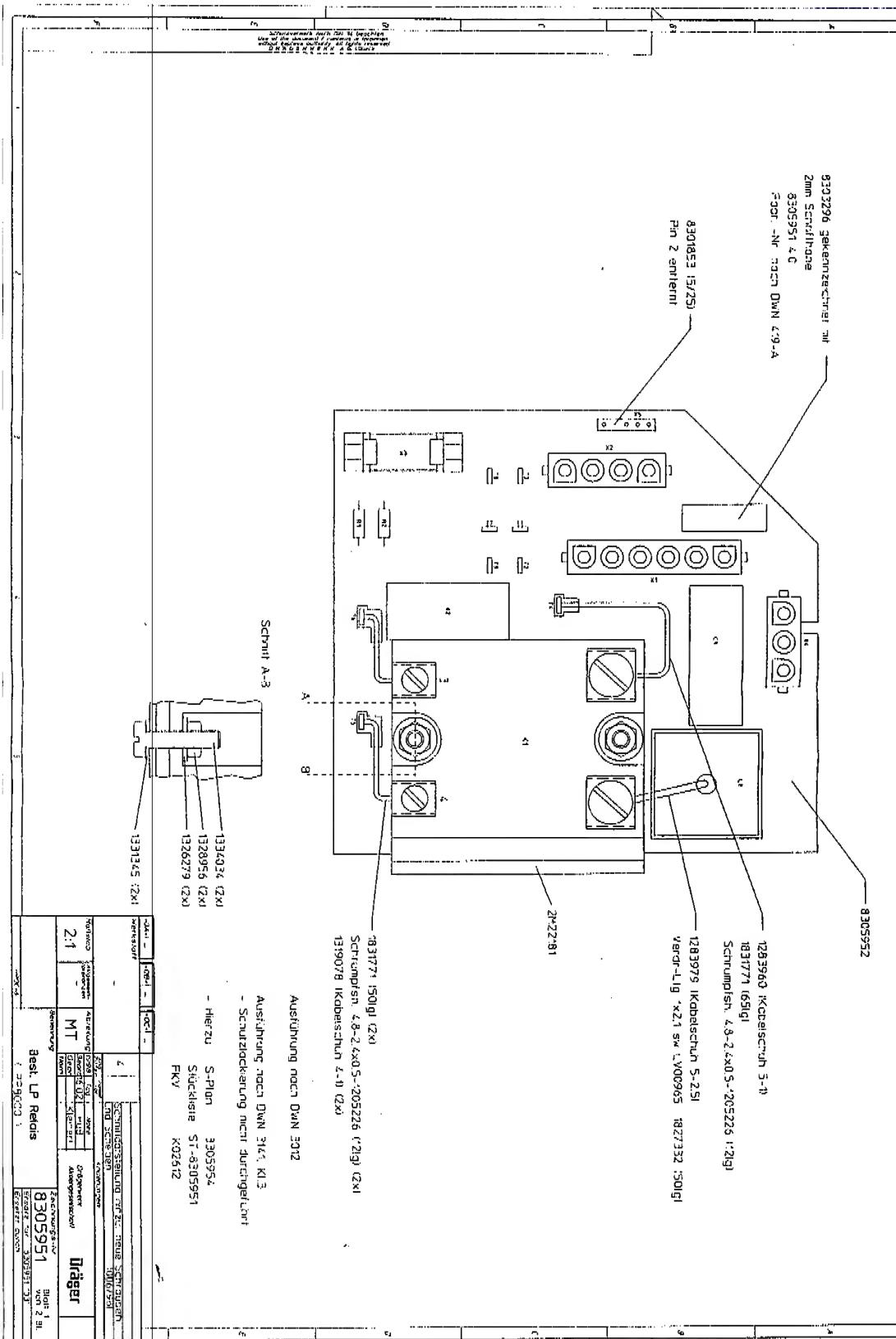


Voltage PCB, circuit diagram:

(F3: use fuse 1.25A with the P/N 1815091 for 100 to 127V instead of 630mA)



Relay PCB, layout:





Please complete and send back to

Dräger Medical, Inc.
Critical Care Systems
3136 Quarry Road
Telford, PA 18969

Fax: (215) 721 - 6915

Dear Customer,

You have received a repair / update kit for our Radiant Warmer RH600. Please use this form to inform us about the part and the serial number of the RH600 you have upgraded. This information is very important for us to maintain a current customer file of your equipment. If you have any questions, please feel free to call Dräger Medical, Inc. at 1 - 800 4 DRAGER and ask for Service.

Sincerely,
Harald Kneuer
Product Manager
Dräger Medical, Inc.

Return Information

Hospital name:

Date:	Person in charge:	Signature:
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